WEST Search History

DATE: Sunday, March 16, 2003

Set Name side by side	e Query	Hit Count	
DB=U	SPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ		result set
L1	matsubara-toshiya\$.in. or tanaka-masaharu\$.in. or kusaka-makoto\$.in. or yamada-kenji\$.in. or nakao-yasumasa\$.in.	1922	L1
L2	L1 and glass	356	L2
L3	L2 and (silica or silicon dioxide or SiO2)	79	L3
L4	L3 and (alumina or aluminum oxide or Al2O3)	37	L4
L5	L4 and size and density	11	L5

END OF SEARCH HISTORY

WEST

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Search Results - Record(s) 1 through 11 of 11 returned.

1. Document ID: US 20020004111 A1

L5: Entry 1 of 11

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004111

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004111 A1

TITLE: Hollow glass microspheres and process for their production

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 <u>Matsubara, Toshiya</u> Chiba JP <u>Tanaka, Masaharu</u> Chiba JΡ Kusaka, Makoto Chiba JP Yamada, Kenji Chiba JP Nakao, Yasumasa Kanaqawa JP

US-CL-CURRENT: 428/34.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw, D									, , , , ,		

2. Document ID: US 20010043996 A1

L5: Entry 2 of 11

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043996

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010043996 A1

TITLE: Hollow aluminosilicate glass microspheres and process for

their production

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamada, Kenji	Chiba		JP	
Hirano, Hachiro	Chiba		JP	
Kusaka, Makoto	Chiba		JP	
<u>Tanaka, Masaharu</u>	Chiba		JP	

US-CL-CURRENT: 428/34.4; 428/428, 65/17.3, 65/32.4, 65/60.8

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draws Description

3. Document ID: US 20010008688 A1

L5: Entry 3 of 11

File: PGPB

Jul 19, 2001

PGPUB-DOCUMENT-NUMBER: 20010008688 PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010008688 A1

TITLE: Recording medium excellent in ink absorptivity and process for its production, and process for producing <u>silica-alumina</u> composite sol

PUBLICATION-DATE: July 19, 2001

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakahara, Katsumasa	Chiba		JP	
Inokuma, Hisao	Chiba		JP	
Hirano, Hachirou	Tokyo		JP	
Matsubara, Toshiya	Chiba		JP	
Wakabayashi, Masako	Kanagawa		JP	
Kon, Yoshinori	Chiba		JP	

US-CL-CURRENT: 428/323; 427/387, 427/394, 427/395, 428/404, 516/80

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw, D	eso li	nage									-

4. Document ID: US 6531222 B1

L5: Entry 4 of 11

File: USPT

Mar 11, 2003

US-PAT-NO: 6531222

DOCUMENT-IDENTIFIER: US 6531222 B1

TITLE: Fine hollow glass sphere and method for preparing the same

DATE-ISSUED: March 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Tanaka; MasaharuIchiharaJPHirano; HachiroIchiharaJPYamada; KenjiIchiharaJP

US-CL-CURRENT: 428/402; 428/404, 428/406, 501/39, 65/21.4

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

5. Document ID: US 6478878 B1

L5: Entry 5 of 11 File: USPT Nov 12, 2002

US-PAT-NO: 6478878

DOCUMENT-IDENTIFIER: US 6478878 B1

TITLE: Blasting medium and blasting method

DATE-ISSUED: November 12, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Tanaka; MasaharuIchiharaJPHirano; HachiroIchiharaJPYoshida; MakotoKitakyushuJP

US-CL-CURRENT: 134/7; 134/6, 451/36, 451/37, 451/38, 51/307, 51/308

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC |
Draw Desc | Image |

6. Document ID: US 6352653 B1

L5: Entry 6 of 11 File: USPT Mar 5, 2002

US-PAT-NO: 6352653

DOCUMENT-IDENTIFIER: US 6352653 B1

TITLE: Acid component-removing agent, method for producing it and

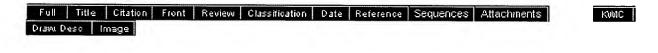
method for removing acid components

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP COD	E COUNTRY
Hirano; Hachiro	Ichihara			JP
Yoshida; Makoto	Kitakyusyu			JP
Noda; Hiroaki	Ichihara			JP
Sakurai; Shigeru	Kitakyusyu			JP
Kusaka: Makoto	Ichihara			JP
<u> Tanaka: Masaharu</u>	Ichihara			JP

US-CL-CURRENT: 252/189; 423/421, 423/422



7. Document ID: US 6077341 A

L5: Entry 7 of 11

File: USPT

Jun 20, 2000

US-PAT-NO: 6077341

DOCUMENT-IDENTIFIER: US 6077341 A

TITLE: <u>Silica</u>-metal oxide particulate composite and method for producing <u>silica</u> agglomerates to be used for the composite

DATE-ISSUED: June 20, 2000

INVENTOR - INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Terase; Kunihiko	Kitakyushu			JP
<u> Tanaka; Masaharu</u>	Kitakyushu			JP
Inoue; Masaki	Kitakyushu			JP
Ono; Eiichi	Kitakyushu			JP
Sasaki; Takayoshi	Kitakyushu			JP

US-CL-CURRENT: 106/482; 106/425, 106/436, 106/444, 106/446, 106/454, 106/492

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
cause D										
IBUU DI	esc iii	mage								
raw. D	esc II	wage								

8. Document ID: US 5849055 A

L5: Entry 8 of 11

File: USPT

Dec 15, 1998

US-PAT-NO: 5849055

DOCUMENT-IDENTIFIER: US 5849055 A

TITLE: Process for producing inorganic microspheres

DATE-ISSUED: December 15, 1998

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME JP Ichihara Arai; Kiyotaka JP Ichihara Yamada; Kenji JΡ Ichihara Hirano; Hachiro JP

Yokohama Satoh; Masakuni

US-CL-CURRENT: 65/17.3; 264/15, 264/434, 501/33, 501/84, 501/85, 65/21.1, 65/21.3, 65/21.4

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC

9. Document ID: US 5691046 A

L5: Entry 9 of 11

File: USPT

Nov 25, 1997

US-PAT-NO: 5691046

DOCUMENT-IDENTIFIER: US 5691046 A

TITLE: Recording medium

DATE-ISSUED: November 25, 1997

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME

JP Yokohama Matsubara; Toshiya JP Yokohama Yokota; Nobuyuki

US-CL-CURRENT: 428/310.5; 346/135.1, 347/105, 428/195, 428/206, 428/218, 428/318.4, 428/331, 428/910

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

10. Document ID: US 5445868 A

L5: Entry 10 of 11

File: USPT

Aug 29, 1995

US-PAT-NO: 5445868

DOCUMENT-IDENTIFIER: US 5445868 A

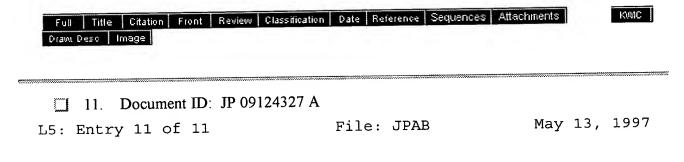
TITLE: Recording sheet and record

DATE-ISSUED: August 29, 1995

INVENTOR-INFORMATION:

CITY	STATE	ZIP CODE	COUNTRY
Yokohama			JP
	Yokohama Yokohama Yokohama	Yokohama Yokohama Yokohama	Yokohama Yokohama Yokohama

US-CL-CURRENT: 428/206; 347/105, 428/195, 428/323, 428/331



PUB-NO: JP409124327A

DOCUMENT-IDENTIFIER: JP 09124327 A

TITLE: FINE HOLLOW GLASS BALL AND ITS PRODUCTION

PUBN-DATE: May 13, 1997

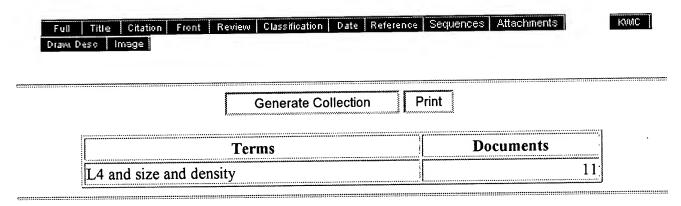
INVENTOR-INFORMATION:

NAME

COUNTRY

YAMADA, KENJI HIRANO, HACHIRO SATO, MASAKUNI

INT-CL (IPC): CO3 B 19/08; CO3 C 11/00; CO8 K 3/40



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